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ART. 9 AN ADDITION TO THE HERPETOFAUNA
OF NOVA SCOTIA, AND OTHER RECORDS OF AMPHIBIANS
AND REPTILES ON CAPE BRETON ISLAND

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While collecting molluscs in Nova Scotia in August, 1950, Mr. Gordon K. MacMillan obtained a small collection of amphibians and reptiles on Cape Breton Island. Of especial interest is a specimen of the four-toed salamander, *Hemidactylium scutatum*, previously unreported in Nova Scotia. Mr. MacMillan's collection consists of 83 specimens of 9 species; 2 snakes received later from Cape Breton Island increase to 10 the number of species listed below.

1. *Triturus viridescens viridescens* (Rafinesque) Three aquatic adults; one juvenile land stage.

Victoria Co., Baddeck. 4, CM 29230, 29251-53.

2. *Plethodon cinereus cinereus* (Green) Red-backed salamanders comprised over half of the total number of specimens collected and occurred in 5 of the 7 localities visited. Of these, 42 were red-backed and 3 dark-backed. In the red-backed series a fine speckling of black pigment, most dense along the mid-dorsal line, appears to increase with age for in 6 of the largest specimens it occupies most of the dorsal stripe. No such increase occurs in the dark-backed series of one hatchling, one juvenile and one adult.

Cape Breton Co., Sydney. 21, CM 29223-25, 29229 (18).

Cape Breton Co., Ironville. 2, CM 29227-28.

Victoria Co., Baddeck. 1, CM 29243.

Victoria Co., Baddeck Bay. 11, CM 29255-65.

Inverness Co., Whycomagh. 10, CM 29276-85.

3. *Hemidactylium scutatum* (Schlegel) The single specimen, a large male with 14 costal grooves, total length 76 mm., tail, 24 mm., was collected "along Baddeck Bay Brook; under bark along shore." This extends the known range of this species approximately 500 miles, since the nearest locality previously reported is Lake Cobbessecontee near Augusta, Maine (Fowler, Copeia, 1942, no. 3: 185-186).

Victoria Co., Baddeck Bay, August 14, 1950, 1, CM 29254.

4. *Bufo terrestris americanus* (Holbrook)

Victoria Co., 4, CM 29270-73.

5. *Rana clamitans* Latreille One tadpole, 12 juveniles and 6 adults.

Victoria Co., Baddeck Bay. 4, CM 29266-69.

Victoria Co. Baddeck. 14, CM 29232-38, 29241-42, 29245-46, 29248-50.

Cape Breton Co., 4 mi SW of Northwest Arm, along Frenchvale Cr. 1, CM 29286.



6. *Rana pipiens* Schreber Four recently transformed juveniles, collected August 9-12, are too small to offer any evidence on the question of *brachycephala* in the northeast.

Victoria Co., Baddeck. 4, CM 29231, 29239, 29240, 29247.

7. *Opheodrys vernalis vernalis* (Harlan) Two specimens of the green snake, collected July 15, 1951, by Paul L. Swanson are included here. The scutellation of these is as follows: CM 29547, ♀ containing 4 eggs, 15 scale rows, 126 ventrals, 67 subcaudals, 7 upper labials, 7-6 lower labials, 2 preoculars on the left side and one on the right: total length 434 mm., tail length 123 mm. CM 29548, ♀ containing 3 eggs, 15 scale rows, 122 ventrals, 68 subcaudals, 7 upper labials, 7 lower labials, one preocular on each side, total length 368 mm., tail length 110 mm. Grobman (1941. Misc. Publ. Mus. Zool. Univ. Mich., 50: 1-33) pointed out that the number of subcaudals in this species is reduced in the northern part of its range, averaging $67.7 \pm .9$ for a series of 15 females from Quebec, New Brunswick and Nova Scotia.

Richmond Co., btw Grande Anse and St. Peters. 2, CM 29547-8.

8. *Storeria occipitomaculata occipitomaculata* (Storer) An adult ♂ with 15 scale rows, 118 ventrals, 47 subcaudals, 6 upper labials, 8 lower labials, total length 214 mm., tail length 47 mm., was found under a small log lying on a railroad embankment.

Cape Breton Co., Ironville. 1, CM 29226.

9. *Thamnophis sirtalis sirtalis* (Linne) Three specimens of the common garter snake were collected. The scutellation of these is as follows:

CM	Sex	Scale Rows	Ventrals	Sub-caudals	Upper Labials	Lower Labials	Total L. (mm.)	Tail L. (mm.)
29244	♀	19-19-17	142	63	7	10	606	129
29274	♂	19-19-17	154	67	7	10	294	96
29275	♂	19-19-17	131	65	7	10/9	305	71

CM 29275 has only 131 ventrals, but there are 7 partial scales inserted along the right side, and of those counted as entire 8 are partially divided transversely so that they appear as a single scale on the left but as two scales on the right. One of the garter snakes contained a juvenile *Rana clamitans*.

Victoria Co., Baddeck. 1, CM 29244.

Victoria Co., 1 mi NW of Baddeck. 1, CM 29274.

Inverness Co., Whycocomagh. 1, CM 29275.